| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 1061 | ((710/1) or (712/38) or (700/278)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 13:33 |
| 2 | 1 | (((710/1) or (712/38) or (700/278)).CCLS.) and (PLC or controller) and (EPROM and program) and kernel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 13:34 |
| - | 190 | (@ad<=19991026 or @rlad<=19991026) and (((re adj programmable) or reprogrammable) adj2 memory).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 12:08 |
| - | 2103 | (@ad<=19991026 or @rlad<=19991026) and ("programmable logic controller" or PLC).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 13:30 |
| - | 21 | (((@ad<=19991026 or @rlad<=19991026) and (((re adj programmable) or reprogrammable) adj2 memory).ab.) or ((@ad<=19991026 or @rlad<=19991026) and ("programmable logic controller" or PLC).ab.)) and (compil$4 same (program near8 execut$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 13:54 |
| - | 3 | (((@ad<=19991026 or @rlad<=19991026) and (((re adj programmable) or reprogrammable) adj2 memory).ab.) or ((@ad<=19991026 or @rlad<=19991026) and ("programmable logic controller" or PLC).ab.)) and ((load$4 or compil$4 ) near5 (executable or·binary or (user adj program) or code) near6 ( flash or reprogrammable or PROM or EPROM) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 13:43 |
| - | 4583 | (@ad<=19991026 or @rlad<=19991026) and (programming same (programmable or reprogrammable or EPROM or flash)).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 13:54 |
| - | 45 | ((@ad<=19991026 or @rlad<=19991026) and ("programmable logic controller" or PLC).ab.) and ((@ad<=19991026 or @rlad<=19991026) and (programming same (programmable or reprogrammable or EPROM or flash)).ab.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 13:54 |
| - | 10 | (((@ad<=19991026 or @rlad<=19991026) and ("programmable logic controller" or PLC).ab.) and ((@ad<=19991026 or @rlad<=19991026) and (programming same (programmable or reprogrammable or EPROM or flash)).ab.)) and (compil$4 or (program near8 execut$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 14:01 |
| - | 1 | 6247168.URPN. | USPAT | 2003/06/21 13:57 |
| - | 1 | 2002-187124.NRAN. | DERWENT | 2003/06/21 13:58 |
| - | 4 | ((compiler or compiling or compilation) near5 ( PLC or "logic controller" )).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 14:10 |
| - | 224 | ((program near8 stor$4) and ( PLC or "logic controller" )).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 14:11 |

| - | 15 | (@ad<=19991026 or @rlad<=19991026) and (((re adj programmable) or reprogrammable) adj2 memory) and (PLC or "logic controller") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 14:22 |
|---|---|---|---|---|
| - | 149 | (@ad<=19991026 or @rlad<=19991026) and (((program near8 stor$4) and ( PLC or "logic controller" )).ab.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 14:19 |
| - | 15 | (executable or program or code or binary) same (( EPROM or (programmable adj2 memory) ) near5 (PLC or "logic controller")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 15:26 |
| - | 705 | (PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 15:46 |
| - | 618 | (@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:15 |
| - | 1 | (@ad<=19991026 or @rlad<=19991026) and (((re adj programmable) or reprogrammable) adj2 memory) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 15:47 |
| - | 90 | ((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary))))) and ( (((re adj programmable) or reprogrammable) adj2 memory) or PROM or EEPROM or flash) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:02 |
| - | 4420 | (PLC or ("micro controller" and program$5) or "logic controller").ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 15:35 |
| - | 5 | (((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary))))) and ( (((re adj programmable) or reprogrammable) adj2 memory) or PROM or EEPROM or flash)) and 717/$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 15:36 |
| - | 39 | (PLC or (programmable adj2 controller) ) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 15:47 |
| - | 36 | (@ad<=19991026 or @rlad<=19991026) and ((PLC or (programmable adj2 controller) ) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 16:15 |
| - | 3 | ((@ad<=19991026 or @rlad<=19991026) and ((PLC or (programmable adj2 controller) ) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary))))) and ((((re adj programmable) or reprogrammable) adj2 memory) or EPROM or PROM or flash) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 16:10 |

| - | 4 | ((PLC or (programmable adj2 controller)) near8 compiler ) and ((((re adj programmable) or reprogrammable) adj2 memory) or EPROM or PROM or flash) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 16:13 |
|---|---|---|---|---|
| - | 223 | (burn$4 or programming) near4 (EPROM or flash) and (programmable adj4 (controller$1 or processor$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 16:15 |
| - | 104 | (@ad<=19991026 or @rlad<=19991026) and compiler and (( convert$4 or translat$4 or compil$4) near5 ( executable$1 or binary or "machine code")) and programmable.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:01 |
| - | 2 | ((burn$4 or programming) near4 (EPROM or flash) and (programmable adj4 (controller$1 or processor$1))) and ((@ad<=19991026 or @rlad<=19991026) and compiler and (( convert$4 or translat$4 or compil$4) near5 ( executable$1 or binary or "machine code")) and programmable.ab.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 16:27 |
| - | 8 | (("5964890") or ("5566344") or ("5590373") or ("5495593")).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 16:33 |
| - | 2 | ((("5964890") or ("5566344") or ("5590373") or ("5495593")).PN.) and ((programmable adj2 controller) or (sequenc$4 or compiler)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 16:34 |
| - | 15 | (US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-4969083-$).did. or (US-20010025294-$).did. | USPAT; US-PGPUB | 2003/06/21 16:42 |
| - | 1 | ((US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-4969083-$).did. or (US-20010025294-$).did.) and ((operating adj system) near5 (programmable adj2 controller)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 17:32 |
| - | 10 | ((US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-4969083-$).did. or (US-20010025294-$).did.) and ((programmable adj2 controller) or PLC) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 17:39 |
| - | 6 | ("5432927" \| "5467286" \| "5603086" \| "5701492" \| "5794054" \| "5835761").PN. | USPAT | 2003/06/21 17:34 |
| - | 9 | (((US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-4969083-$).did. or (US-20010025294-$).did.) and ((programmable adj2 controller) or PLC)) and (EPROM or compiler ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 17:37 |

| - | 1 | (((US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-4969083-$).did. or (US-20010025294-$).did.) and ((programmable adj2 controller) or PLC)) and (EPROM and compiler ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 17:54 |
|---|---|---|---|---|
| - | 1440 | (( PLC and DSP) or (( programmable adj2 controller) and (signal adj processor$1)) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 17:59 |
| - | 9 | ((( PLC and DSP) or (( programmable adj2 controller) and (signal adj processor$1)) )) and (EPROM and compiler ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 17:54 |
| - | 229 | (( PLC same DSP) or (( programmable adj2 controller) same (signal adj processor$1)) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 17:59 |
| - | 160 | (@ad<=19991026 or @rlad<=19991026) and ((( PLC same DSP) or (( programmable adj2 controller) same (signal adj processor$1)) )) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:17 |
| - | 41 | ((@ad<=19991026 or @rlad<=19991026) and ((( PLC same DSP) or (( programmable adj2 controller) same (signal adj processor$1)) ))) and ( (((re adj programmable) or reprogrammable) adj2 memory) or PROM or EEPROM or flash) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:17 |
| - | 38 | co-simulation and EEPROM | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:17 |
| - | 17 | (@ad<=19991026 or @rlad<=19991026) and (co-simulation and EEPROM) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:17 |
| - | 15 | ((@ad<=19991026 or @rlad<=19991026) and (co-simulation and EEPROM)) and (PLC or (programmable adj2 logic)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:19 |
| - | 12 | (((@ad<=19991026 or @rlad<=19991026) and (co-simulation and EEPROM)) and (PLC or (programmable adj2 logic))) and (( stor$4 or burn$ or flash$4) near3 EEPROM) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/21 18:19 |
| - | 2 | ("6026230").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/22 11:49 |
| - | 15 | (US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-6205513-$ or US-4969083-$ or US-4178634-$ or US-6026230-$).did. | USPAT | 2003/06/22 12:21 |

| - | 3 | ((US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-6205513-$ or US-4969083-$ or US-4178634-$ or US-6026230-$).did.) and compiler and PLC and programmable | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/22 13:42 |
|---|---|---|---|---|
| - | 4766 | ((717/168-178,140-167) or (703/13) or (700/18-19) or (711/103,171)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/06/22 13:44 |
| - | 0 | ("(((embeddedorinternal)adj2RAM)same(microcontrollerorCPU)and(PLCor"programma | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 10:26 |
| - | 33 | (((embedded or internal) adj2 RAM) same (microcontroller or CPU)) and (PLC or "programmable logic controller") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 11:03 |
| - | 20 | ((((embedded or internal) adj2 RAM) same (microcontroller or CPU)) and (PLC or "programmable logic controller")) and (@ad<=19991026 or @rlad<=19991026) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 11:05 |
| - | 9 | ("5113093" | "5251304" | "5416919" | "5511211" | "5530818" | "5537601" | "5732246" | "5767865" | "5771361").PN. | USPAT | 2004/01/16 10:51 |
| - | 4 | (("5113093" | "5251304" | "5416919" | "5511211" | "5530818" | "5537601" | "5732246" | "5767865" | "5771361").PN.) and (PLC or "programmable logic controller" or re-programmable or EPROM) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 10:55 |
| - | 3 | ((("5113093" | "5251304" | "5416919" | "5511211" | "5530818" | "5537601" | "5732246" | "5767865" | "5771361").PN.) and (PLC or "programmable logic controller" or re-programmable or EPROM)) and ((internal adj3 RAM) or (RAM near5 EEPROM)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 10:56 |
| - | 1 | 5978943.URPN. | USPAT | 2004/01/16 11:01 |
| - | 20 | ("5331681" | "5425036" | "5548717" | "5566088" | "5572664" | "5630048" | "5701417" | "5717704" | "5764650" | "5768382" | "5771240" | "5790568" | "5909544" | "5942981" | "5968192" | "5978943" | "5982681" | "6256758" | "6286114" | "6415393").PN. | USPAT | 2004/01/16 11:02 |
| - | 1 | (("5331681" | "5425036" | "5548717" | "5566088" | "5572664" | "5630048" | "5701417" | "5717704" | "5764650" | "5768382" | "5771240" | "5790568" | "5909544" | "5942981" | "5968192" | "5978943" | "5982681" | "6256758" | "6286114" | "6415393").PN.) and ( ( (embedded or internal) adj2 ( EEPROM or RAM) ) or (RAM near3 EEPROM) ) and (PLC or "programmable logic") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 11:05 |
| - | 1201 | ( ( (embedded or internal) adj2 ( EEPROM or RAM) ) or (RAM near3 EEPROM) ) and (PLC or "programmable logic") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 11:05 |

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|---|---:|---|---|---|
| - | 666 | (( ( (embedded or internal) adj2 ( EEPROM or RAM) ) or (RAM near3 EEPROM) ) and (PLC or "programmable logic") ) and (@ad<=19991026 or @rlad<=19991026) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 11:06 |
| - | 40 | ((( ( (embedded or internal) adj2 ( EEPROM or RAM) ) or (RAM near3 EEPROM) ) and (PLC or "programmable logic") ) and (@ad<=19991026 or @rlad<=19991026)) and "programmable logic controller" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 11:06 |
| - | 20 | (US-4178634-$ or US-6463339-$ or US-4969083-$ or US-6201996-$ or US-6205513-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5251304-$ or US-5511211-$ or US-5537601-$ or US-5732246-$).did. | USPAT | 2004/01/16 11:06 |
| - | 40 | (((( ( (embedded or internal) adj2 ( EEPROM or RAM) ) or (RAM near3 EEPROM) ) and (PLC or "programmable logic") ) and (@ad<=19991026 or @rlad<=19991026)) and "programmable logic controller") not ((US-4178634-$ or US-6463339-$ or US-4969083-$ or US-6201996-$ or US-6205513-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5251304-$ or US-5511211-$ or US-5537601-$ or US-5732246-$).did.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/16 11:06 |
| - | 8 | 5802389.URPN. | USPAT | 2004/01/16 11:11 |
| - | 23 | (US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$).did. | USPAT | 2004/05/21 08:09 |
| - | 2 | ((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$).did.) and (watchdog adj2 timer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:20 |
| - | 126 | ((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:16 |
| - | 634 | (@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/05/21 09:01 |

| - | | 39 | ((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) and ((PLC or (programmable adj2 controller)) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:24 |
|---|---|---|---|---|---|
| - | | 0 | (((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) and ((PLC or (programmable adj2 controller)) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) and (((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:16 |
| - | | 1 | (((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer)) and (((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) not (((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) and ((PLC or (programmable adj2 controller)) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) )) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:16 |
| - | | 39 | ((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) and ((PLC or (programmable adj2 controller)) near8 (compiler or (compil$6 adj2 (function$5 or task$1 or user)) or ((translat$4 or conver$5) near3 (executable or binary)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:38 |
| - | | 0 | (((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) and ((PLC or (programmable adj2 controller)) near8 (compiler or (compil$6 adj2 (function$5 or task$1 or user)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) and (watchdog adj2 timer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:20 |
| - | | 1 | (((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer)) and (((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:21 |

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| - | 80 | (((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer)) and ( ((("re-programmable" or EPROM) or reprogrammable) adj2 memory) or PROM or EEPROM or flash) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 09:01 |
| - | 20 | ((((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer)) and ( ((("re-programmable" or EPROM) or reprogrammable) adj2 memory) or PROM or EEPROM or flash)) and compil$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:23 |
| - | 1 | (((((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer)) and ( ((("re-programmable" or EPROM) or reprogrammable) adj2 memory) or PROM or EEPROM or flash)) and compil$4) and kernel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:33 |
| - | 5 | (((PLC or (programmable adj2 controller)) same ("input/output" or "I/O" or bios or kernel or "operating system")) and (watchdog adj2 timer)) and kernel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:28 |
| - | 31 | ((programmable adj2 controller) same (I/O operations or "operating system" or input/output functions or (port near3 communicat$5)) ) and watchdog and (compil$4 same (program or instruction)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:30 |
| - | 3 | (((programmable adj2 controller) same (I/O operations or "operating system" or input/output functions or (port near3 communicat$5)) ) and watchdog and (compil$4 same (program or instruction))) and ((@ad<=19991026 or @rlad<=19991026) and ((PLC or micro controller) near8 (compiler or (compil$6 adj2 (function$5 or task$1)) or ((translat$4 or conver$5) near3 (executable or binary)))) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:31 |
| - | 3 | (((programmable adj2 controller) same (I/O operations or "operating system" or input/output functions or (port near3 communicat$5)) ) and watchdog and (compil$4 same (program or instruction))) and kernel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:36 |
| - | 2 | ((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$).did.) and kernel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:37 |

| - | 1 | (((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$).did.) and kernel) and (PLC or (programmable adj2 controller)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:39 |
|---|---|---|---|---|
| - | 4 | ((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$).did.) and (PLC or (programmable adj2 controller)) and (power-up or boot$4 or initiali$5 or reboot$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 09:13 |
| - | 2 | (6,192,282).pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:51 |
| - | 1 | ((6,192,282).pn.) and (PLC or (programmable adj2 controller)) and (power-up or boot$4 or initiali$5 or reboot$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:52 |
| - | 1 | (((6,192,282).pn.) and (PLC or (programmable adj2 controller)) and (power-up or boot$4 or initiali$5 or reboot$4)) and (programmable near4 memory) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:56 |
| - | 1 | ((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$).did.) and Agrawal.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 08:59 |
| - | 79 | (PLC or (programmable adj2 controller)) same ((single adj chip) or single-chip) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 09:01 |
| - | 13 | ((PLC or (programmable adj2 controller)) same ((single adj chip) or single-chip)) and ( ((("re-programmable" or EPROM) or reprogrammable) adj2 memory) or PROM or EEPROM or flash) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 09:01 |
| - | 9 | (@ad<=19991026 or @rlad<=19991026) and (((PLC or (programmable adj2 controller)) same ((single adj chip) or single-chip)) and ( ((("re-programmable" or EPROM) or reprogrammable) adj2 memory) or PROM or EEPROM or flash)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 09:01 |

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|---|---|---|---|---|---|
| - | | 5 | ((@ad<=19991026 or @rlad<=19991026) and ((((PLC or (programmable adj2 controller)) same ((single adj chip) or single-chip)) and ( ((("re-programmable" or EPROM) or reprogrammable) adj2 memory) or PROM or EEPROM or flash))) and (PLC or (programmable adj2 controller)) and (power-up or boot$4 or initiali$5 or reboot$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 09:13 |
| - | | 29 | (US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$ or US-4292666-$ or US-4570217-$ or US-6192282-$).did. or (US-4754393-$).did. or (US-20030225955-$ or US-20020016639-$).did. | USPAT; US-PGPUB | 2004/05/21 10:41 |
| - | | 1 | (programmable adj2 controller) and (external adj2 memory) and EPROM and Kaiser.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 13:32 |
| - | | 7 | ((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$ or US-4292666-$ or US-4570217-$ or US-6192282-$).did. or (US-4754393-$).did. or (US-20030225955-$ or US-20020016639-$).did.) and (watchdog adj timer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 12:06 |
| - | | 6 | (((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$ or US-4292666-$ or US-4570217-$ or US-6192282-$).did. or (US-4754393-$).did. or (US-20030225955-$ or US-20020016639-$).did.) and (watchdog adj timer)) and (programmable adj2 controller) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 12:06 |

| | | 5 | (@ad<=19991026 or @rlad<=19991026) and ((((US-4969083-$ or US-4178634-$ or US-6205513-$ or US-6463339-$ or US-6201996-$ or US-6263487-$ or US-6249711-$ or US-5857093-$ or US-5321603-$ or US-5287548-$ or US-5524244-$ or US-5590373-$ or US-5566344-$ or US-5495593-$ or US-6026230-$ or US-5978943-$ or US-5732246-$ or US-5537601-$ or US-5511211-$ or US-5251304-$ or US-5978897-$ or US-5802389-$ or US-5042004-$ or US-4292666-$ or US-4570217-$ or US-6192282-$).did. or (US-4754393-$).did. or (US-20030225955-$ or US-20020016639-$).did.) and (watchdog adj timer)) and (programmable adj2 controller)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/05/21 12:09 |